UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

## NOTICE OF ALLOWANCE AND FEE(S) DUE

33942

7590

03/15/2006

CHA & REITER, LLC **210 ROUTE 4 EAST STE 103** PARAMUS, NJ 07652

**EXAMINER** LIVEDALEN, BRIAN J

PAPER NUMBER

ART UNIT 2878

DATE MAILED: 03/15/2006

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/694 976	10/28/2003	Gil-Yong Park	5000-1-476	4427

TITLE OF INVENTION: PEAK AND BOTTOM DETECTORS IN BURST MODE OPTICAL RECEIVER

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE	
nonprovisional	NO	\$1400	\$300	\$1700	06/15/2006	

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

#### **HOW TO REPLY TO THIS NOTICE:**

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B -Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

#### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (571)-273-2885

INSTRUCTIONS: This for appropriate. All further cor indicated unless corrected l maintenance fee notification	below or directed otherwise	smitting the ISSU Patent, advance or in Block 1, by (a	E FEE and I ders and notif ) specifying a	PUBLIC fication new co	CATION FEE (if requ of maintenance fees v orrespondence address	ired). Blocks 1 through 5 will be mailed to the curren ; and/or (b) indicating a sep	should be completed where t correspondence address as parate "FEE ADDRESS" for
CURRENT CORRESPONDENC	E ADDRESS (Note: Use Block 1 for	any change of address)			Fee(s) Transmittal. The papers. Each additions	mailing can only be used f is certificate cannot be used al paper, such as an assignm of mailing or transmission.	for any other accompanying
33942 75	90 03/15/2006					J	
CHA & REITER	, LLC				I hereby certify that th	rtificate of Mailing or Tran	smission g deposited with the United
210 ROUTE 4 EAS	ST STE 103				States Postal Service v	with sufficient postage for fir	st class mail in an envelope
PARAMUS, NJ 07	652				transmitted to the USP	nis Fee(s) Transmittal is being with sufficient postage for fit I Stop ISSUE FEE address TO (571) 273-2885, on the	date indicated below.
							(Depositor's name)
							(Signature)
							(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED	INVEN	TOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/694,976	10/28/2003		Gil-Yong	g Park		5000-1-476	4427
	EAK AND BOTTOM DETE	ECTORS IN BURS	T MODE OP	ΓICAL :	RECEIVER		
APPLN. TYPE	SMALL ENTITY	ISSUE FE	EE	PU	BLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400			\$300	\$1700	06/15/2006
EXAM	INER	ART UN	т	CL	ASS-SUBCLASS		
LIVEDALE	N, BRIAN J	2878			250-221000		
CFR 1.363).	e address or indication of "For ence address (or Change of 22) attached.	`	(1) the nam or agents O	nes of u R, alter	• •	at attorneys 1	
☐ "Fee Address" indicat	ion (or "Fee Address" Indica or more recent) attached. Use	ation form	(2) the nam registered a 2 registered listed, no na	ne of a sattorney I patent ame wil	ingle firm (having as a or agent) and the nam attorneys or agents. If I be printed.	es of up to no name is 3	
. ASSIGNEE NAME AND	RESIDENCE DATA TO B	E PRINTED ON T	HE PATENT	(print o	r type)		
				-		ee is identified below, the o	locument has been filed for
(A) NAME OF ASSIGNI					CITY and STATE OR O		
Please check the appropriate	assignee category or catego	ries (will not be pri	nted on the pa	itent) :	☐ Individual ☐ Co	orporation or other private gr	oup entity Government
a. The following fee(s) are	enclosed:	4b.	Payment of F	ee(s):			
Issue Fee					ount of the fee(s) is en		
Publication Fee (No si	mall entity discount permitte	ed)			card. Form PTO-2038		
☐ Advance Order - # of	Copies		The Direct Deposit Ac	tor is he	reby authorized by cha Number	rge the required fee(s), or cre (enclose an ext	edit any overpayment, to ra copy of this form).
. Change in Entity Status	(from status indicated above	)					
a. Applicant claims SM	MALL ENTITY status. See	37 CFR 1.27.				LL ENTITY status. See 37 C	
The Director of the USPTO in NOTE: The Issue Fee and Punterest as shown by the reco	s requested to apply the Issu ablication Fee (if required) was rds of the United States Pate	ne Fee and Publicate will not be accepted and Trademark	ion Fee (if any from anyone Office.	/) or to 1 other th	e-apply any previousl an the applicant; a regi	y paid issue fee to the applications attorney or agent; or t	ation identified above. he assignee or other party in
Authorized Signature					Date		
Typed or printed name					Registration N	lo	
his collection of information application. Confidentiali	n is required by 37 CFR 1.3 by is governed by 35 U.S.C.	11. The information 122 and 37 CFR 1	n is required to .14. This coll	o obtain ection is	or retain a benefit by to sestimated to take 12 i	he public which is to file (an ninutes to complete, includi	d by the USPTO to process)

an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



### United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
10/694,976	10/28/2003		Gil-Yong Park	5000-1-476	4427	
33942 7	7590	03/15/2006		EXAM	INER	
CHA & REITER	R, LLC		LIVEDALEN, BRIAN J			
210 ROUTE 4 EA	•	03	ART UNIT	PAPER NUMBER		
PARAMUS, NJ 0	7652			2878 DATE MAILED: 03/15/2006	5	

# Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 210 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 210 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.